APPENDIX

1. (once amended) A method for enhancing the broadcast of a live event, comprising the steps of:

receiving [capturing first] video from [using] a first camera;

sensing field of view data representing a field of view of said first camera;

determining a position and orientation of a video image of a target in said captured video at least partially based on recognizing one or more portions of said video image of said target in said captured video and at least partially based on said field of view data; and

modifying said captured video [data] by enhancing at least a segment of said video image of said target.

11. (once amended) A method according to claim 1, further including the step of:

learning changes to said video image of target image.

37. (new) A method for adding a graphic indication of a first down to a video of a football game during a broadcast of said football game, comprising the steps of:

storing an indication of a location on a football field, said location corresponding to said first down;

determining said location's position in said video; and

adding a line to said video at said location's position in said video, said step of adding includes adding said line to one or more portions of said video that are not occluded and not adding said line to one or more portions of said video that are occluded.

38. (new) One or more processor readable storage devices having processor readable code embodied on said processor readable storage devices, said processor readable code for programming one or more processors to perform a method comprising the steps of:

storing an indication of a location on a football field, said location corresponding to said first down;

determining said location's position in said video; and

adding a line to said video at said location's position in said video, said step of adding includes adding said line to one or more portions of said video that are not occluded and not

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adding said line to one or more portions of said video that are occluded.

39.   (new) An apparatus for adding a graphic indication of a first down to a video of a football game during a broadcast of said football game, comprising:

a storage device; and

one or more processing units in communication with said storage device, said storage device stores data for said one or more processing units, said one or more processing units capable of performing a method comprising the steps of:

storing an indication of a location on a football field, said location corresponding to said first down;

determining said location's position in said video; and

adding a line to said video at said location's position in said video, said step of adding includes adding said line to one or more portions of said video that are not occluded and not adding said line to one or more portions of said video that are occluded.

40.   (new) An apparatus for adding a graphic indication of a first down to a video of a football game during a broadcast of said football game, comprising:

a storage device; and

one or more processing units in communication with said storage device, said storage device stores data for said one or more processing units, said one or more processing units capable of performing a method comprising the steps of:

receiving video from a camera,

receiving field of view data for said camera based on one or more field of view sensors that do not use pattern recognition,

determining a position and orientation of a video image of a target area in said video, said step of determining a position is at least partially based on recognizing one or more portions of said video, and step of determining a position is also at least partially based on said field of view data, and

causing an enhancement at least a portion of said video image of said target area based on said step of determining a position and orientation.

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